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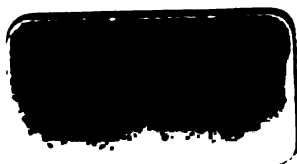
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ICONES ALGARUM
INEDITAE,

FASCICULUS PRIMUS.

AUCTORE

C. A. AGARDH,

*Bot. & Oecon. pr. Profess. R. & Ord.; R. Acad. Holmiensis, Acad. Cæsareo-Leopold.
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miensis, R. soc. Bot. Ratisbonensis Membro; R. Soc. physiogr. Lund. Secretario.*

LUNDÆ

EX OFFICINA BERLINGIANA,

SUMTIBUS AUCTORIS.

MDCCCXX.

Opus hoc, nisi sumtus mei præter opinionem non redirent, usque ad 10 fasciculos continuabitur. Sequentes, ut spero, hunc primum præstabunt, pictore in ejusmodi plantis pingendis magis magisque exercitato, & mendis quibusdam *) initio vix evitandis correctis.

Plantæ hic delineatæ in opere jam prelo tradito, *Species Algarum* fusius tractante, omnes describuntur, unde descriptionem hic repetere nolui. Diagnoses tamen, explicationem iconum, locum natalem plantarum, & commemorationem amici, qui specimen delineatum communicavit, breviter annotare necessarium duxi.

Pretium cujusque fasciculi, unicuique, ut dicunt, subscribenti, qui- que toti operi se obstringit, 1 Thal. 18 gr. Sax. non excedet. Hæc subscriptio autem non in Bibliopoliis fit, sed apud Botanicos quoscumque, qui nomen meum forsitan cognoscant, neque hoc negotium in se suscipere recusent, quorumque tali amicitie gratias maximas habebo. In Bibliopoliis fasciculus 2 Thal. 6 gr. Sax. venibit.

*) E. g. tabulis inæqualibus, quæ in sequentibus omnes erunt ejusdem magnitudinis.

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ICONES ALGARUM INEDITAE.

- I. **SARGASSUM CYSTOCARPUM**, caule tereti, foliis linearibus integerrimis enervibus creberrimis, vesiculis sphaericis muticis, receptaculis linearibus elongatis vesiculam ferentibus. *Agardh Spec. Algar. I. p. 43.*

Specimen delineatum, in mari Indico lectum, in collectione *Colmanni* clarissimi Professoris Hafniensis servatur.

Tab. I. *Sargassum cystocarpum*. Fig. 1. magn. nat. — Fig. 2. Ramulus magn. parum auct. — Fig. 3. Receptaculum fructus magnitudine magis auct.

- II. **CYSTOSEIRA HOPPII**, fronde pinnata, foliis dichotomis distichis, vesiculis innatis concatenatis, receptaculis solitariis vesicula majoribus. *Agardh, Spec. Algar. I. p. 59.*

Specimen in mari Adriatico lectum communicavit *Hornschuch*, Clarissimus Gryphiæ Professor.

Tab. II. *Cystoseira Hoppii*. Fig. 1. magn. nat. — Fig. 2. Receptaculum fructus parum auctum. — Fig. 3. idem transversaliter sectum. — Fig. 4. ejusd. partes internæ, valde auct.

- III. **CYSTOSEIRA SPICIGERA**, foliis inermibus decomposito-pinnatis, pinnulis basi attenuatis lanceolatis. *Agardh Spec. Algar. I. p. 64.*

Specimen in mari kamtschatico lectum communicavit clarissimus *Chamisso*.

Tab. III. *Cystoseira spicigera*. Fig. 1. magn. nat. — Fig. 2. spica fructifera magn. nat. — Fig. 3. foliol spica.

- IV. **CYSTOSEIRA PHYLLAMPHORA**, caule filiformi folioso, foliis subulato-lanceolatis subamplectentibus serratis vesiculiferis, vesiculis ellipticis rostro bi-trifurco coronatis. *Agardh Spec. Algar. I. p. 79.*

Specimen delineatum e mari Japonico reportavit Clarissimus *Tilesius*.

Tab. IV. *Cystoseira Phyllamphora*. Fig. 1. magn. nat. — Fig. 2. Folium explanatum parum auctum. — Fig. 3. Folium vesiculiferum eodem augmento.

- V. **RHODOMELA ALEUTICA**, caule tereti ramosissimo, ramis planis linearibus alternatim pluries pinnatis, pinnulis multifidis, laciniis subulatis, capsulis ovatis. *Agardh Spec. Algar.*

Specimen delineatum ad Unalaschka maris Pacifici lectum communicavit clarissimus *Chamisso*.

Tab. V. *Rhodomela Aleutica*. Fig. 1. magn. nat. — Fig. 2. Ramulus magnit. auctus. — Fig. 3. Semina multo aucta.

VI. SPHÆROCOCCUS CHAMISSOI, fronde subcartilaginea plana lineari vage pinnatifida, pinnulis lanceolatis capsuliferis, capsulis confertis. *Agardh Spec. Algar.*

Specimen delineatum in mari Chilensi lectum mihi communicavit clarissimus *Chamisso*.

Tab. VI. *Sphærococcus Chamissoi*. Fig. 1. magn. nat. — Fig. 2. Glomerulus seminum valde auct. — Fig. 3. Semina magis aucta.

**VII. SPHÆROCOCCUS MIRABILIS, caule filiformi plano ramenta emitte-
tente disticha dichotoma prope apicem capsulifera. *Agardh Spec. Algar.***

Specimen delineatum ad Caput Bonæ Spei lectum in collectione *Chamissoi* clarissimi inventoris servatur.

Tab. VII. *Sphærococcus mirabilis*. Fig. 1. magn. nat. — Fig. 2. Ramentum fructiferum magn. auctum. — Fig. 3. Glomerulus seminum valde auctus. — Fig. 4. Semina magis aucta.

VIII. SPHÆROCOCCUS SALICORNIA, fronde articulata, articulis clavatis proliferis. *Agardh Spec. Algar.*

Specimen delineatum ad litora Unalaschkæ lectum in collectione *Chamissoi* clarissimi inventoris servatur.

Tab. VIII. *Sphærococcus Salicornia*. Fig. 1. magn. nat. — Fig. 2. Ramus fructifer magn. nat. — Fig. 3. Glomerulus seminum valde auctus. — Fig. 4. Semina magis aucta.

IX. CONFERVA MIRABILIS, filis dichotomis æqualibus, articulis diametro triplo longioribus exsiccatione alternatim compressis. *Agardh Spec. Algar.*

Specimen post humectationem delineatum ad Caput Bonæ Spei a Clarissimo *Chamisso* lectum.

De miranda hujus in *Sphærococcum* transmutatione videas meam de metamorphosi Algarum dissertationem.

Tab. IX. *Conferva Mirabilis*.

X. OSCILLATORIA FLEXUOSA, strato gelatinoso cœruleo-virenti, filis tenuissimis curvatis, interstitiis quadratiçis. *Agardh Spec. Algar.*

Specimen delineatum in rivulo non longe a Lunda fluente lectum.

De hujus plantæ in animal transitu vide dissertationem citatam p. 7.

Tab. X. *Oscillatoria Flexuosa*, Fig. 1. cæspes nat. magn. — Fig. 2. Fragmenta filorum magn. aucta. — Fig. 3. eadem magis aucta, — Fig. 4. Animalcula, in quæ fila mutantur, valde aucta.

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FASCICULUS SECUNDUS.

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miensis, R. soc. Bot. Ratisbonensis Membro; R. soc. physiogr. Lund. Secretario.*

H O L M I Æ

EX OFFICINA ECKSTEINIANA,

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MDCCCXXI.

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miensis, R. soc. Bor. Ratisbonensis Membro; R. Soc. physiogr. Lund. Secretario.*

HOLMIÆ,

EX OFFICINA ECKSTEINIANA,

SUMTIBUS AUCTORIS,

ICONES ALGARUM INEDITAE.

- XI. **SARGASSUM GRANULIFERUM**, caule flexuoso, foliis lanceolatis serratis enervibus, vesiculis sphaericis muticis, receptaculis linearibus crebris inermibus. *Agardh* Spec. Algar. I. p. 51.

Specimen, ut videtur, in mari Indico lectum, delineandum communicavit *Colman*, Professor Hafn. clarissimus.

Tab. XI. *Sargassum Granuliferum*, Fig. 1. magnitudine naturali. — Fig. 2. Folia parum aucta. — Fig. 3. Receptacula. — Fig. 4. Vesicula eodem augmento.

- XII. **CYSTOSEIRA TRINODIS**, caule filiformi pennato, foliis in vesiculas ternas ellipticas papillosas concatenatas et receptacula paniculata filiformia abeuntibus. *Agardh*, Spec. Algar. I. p. 67.

Specimen delineatum, ad Port Jackson, lectum dederunt, itinere circa orbem recens peracto, clarissimi *Freyer* et *Gaudichaud*.

Fig. 1. Pars frondis magnitudine naturali. — Fig. 2. Receptaculum parum auctum.

- XIII. **FUCUS EVANESCENS**, fronde supra medium costata lineari integerrima subdichotoma evesiculosa, receptaculis compressis. *Agardh*. Spec. Algar. I. p. 92.

Specimen delineatum, ad Kamtschatka lectum, dedit clarissimus *Chamisso*.

Fig. 1. Planta magnitudine naturali. — Fig. 2. Sectio transversalis receptaculi.

- XIV. **FUCUS FURCATUS**, fronde lineari enervi plana furcata, receptaculis terminalibus. *Agardh* Spec. Algar. I. p. 97.

Specimen ad Unalashka lectum communicavit *Chamisso*.

Fig. 1. Magnitudine naturali. — Fig. 2. Sectio transversalis receptaculi, parum aucta. —

Fig. 3. Glomerulus receptaculi multoties auctus. — Fig. 4. Capsulae multo magis auctae. — Fig. 5. Substantia gelatinosa fibrosa glomerulum constituens.

- XV. **ZONARIA KUNTHII**, fronde dichotoma, segmentis linearibus foliolis minutissimis coopertis.

In Oceano pacifico juxta portum el Callao di Lima et Guanchaco legit illustrissimus *Humboldt*; qui, commendante clarissimo *Kunthio*, specimen delineatum dedit.

Fig. 1. Magnitudine naturali. — Fig. 2. Pars frondis magnitudine aucta. — Fig. 3. Foliola in lamina frondis sessilia.

XVI. SPOROCHNUS MEDIUS, fronde compressa multoties pinnata, pinnis oppositis filiformibus spinulosis. *Agardh Species Algar. I. p. 155.*

Specimen ad insulam Unalaskam lectum communicavit clarissimus *Chamisso*.

Fig. 1. Planta magnitud. nat. — Fig. 2. Pars frondis magnitudine aucta.

XVII. SPHAEROCOCCUS SEMINERVIS, caule simplici filiformi, lamina oblonga, basi ovata, versus apicem irregulariter fissa.

Specimen, ad Gades lectum, misit Reverend. *Calycra*.

XVIII. SPHAEROCOCCUS VOLANS, fronde simpliciuscula, vage pinnata, pinnis ovatis, ramenta e disco emittentibus breviora, e margine longiora linearia apice subfurcata.

Ad Caput Bonæ Spei lectum pingendum subministravit clariss. *Chamisso*.

XIX. SPHAEROCOCCUS PAPILLATUS, fronde coriacea ovato-cuneiformi integerrima mamillata, mamillis fructiferis disco insidentibus.

Ad insulam Owaihee lectum communicavit clariss. *Chamisso*.

Fig. 1. Magnit. nat. — Fig. 2. Capsula mamillæformis. — Fig. 3. Glomerulus seminum magnit. aucta.

XX. BATRACHOSPERMUM KAMTSCHATICUM, fronde moniliformi, ramis attenuatis, articulis primariis subcylindricis diametro æqualibus, ramentis verticillorum attenuatis.

In aquis Kamtschatkæ lectum dedit Clariss. *Chamisso*.

Fig. 1. Planta magnit. nat. — Fig. 2. Pars frondis magnitudine parum aucta. — Fig. 3. Ramentum verticilli maxime auctum.

Nomina Subscriptentium.

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Marchio de Bonnay, <i>Purpuratus, Regni Gallia Minister</i>	-	-	-	-	-	-	1.
C. Gaudichaud, <i>Botanicus Paris.</i>	-	-	-	-	-	-	5.
W:m Cattley, <i>Esq.</i>	-	-	-	-	-	-	1.
John Lindley, <i>Botanicus Londinensis</i>	-	-	-	-	-	-	1.
H. F. Link, <i>Professor Berolinensis</i>	-	-	-	-	-	-	2.
A. H. Schrader, <i>Professor Gossingensis</i>	-	-	-	-	-	-	1.
Meyer, <i>Physiograph. Regni Hannov.</i>	-	-	-	-	-	-	1.
Perthes et Besser, <i>Bibliop. Hamburg.</i>	-	-	-	-	-	-	20.

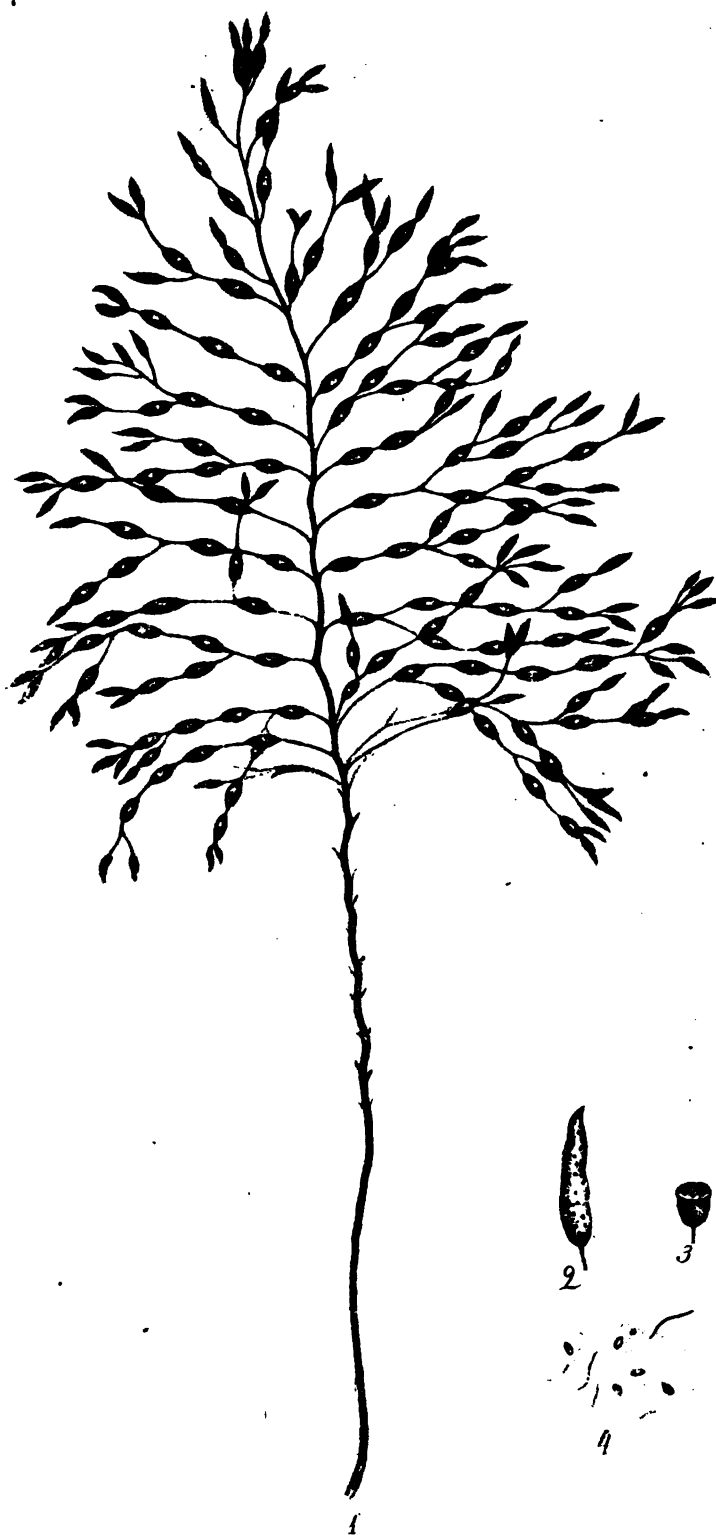


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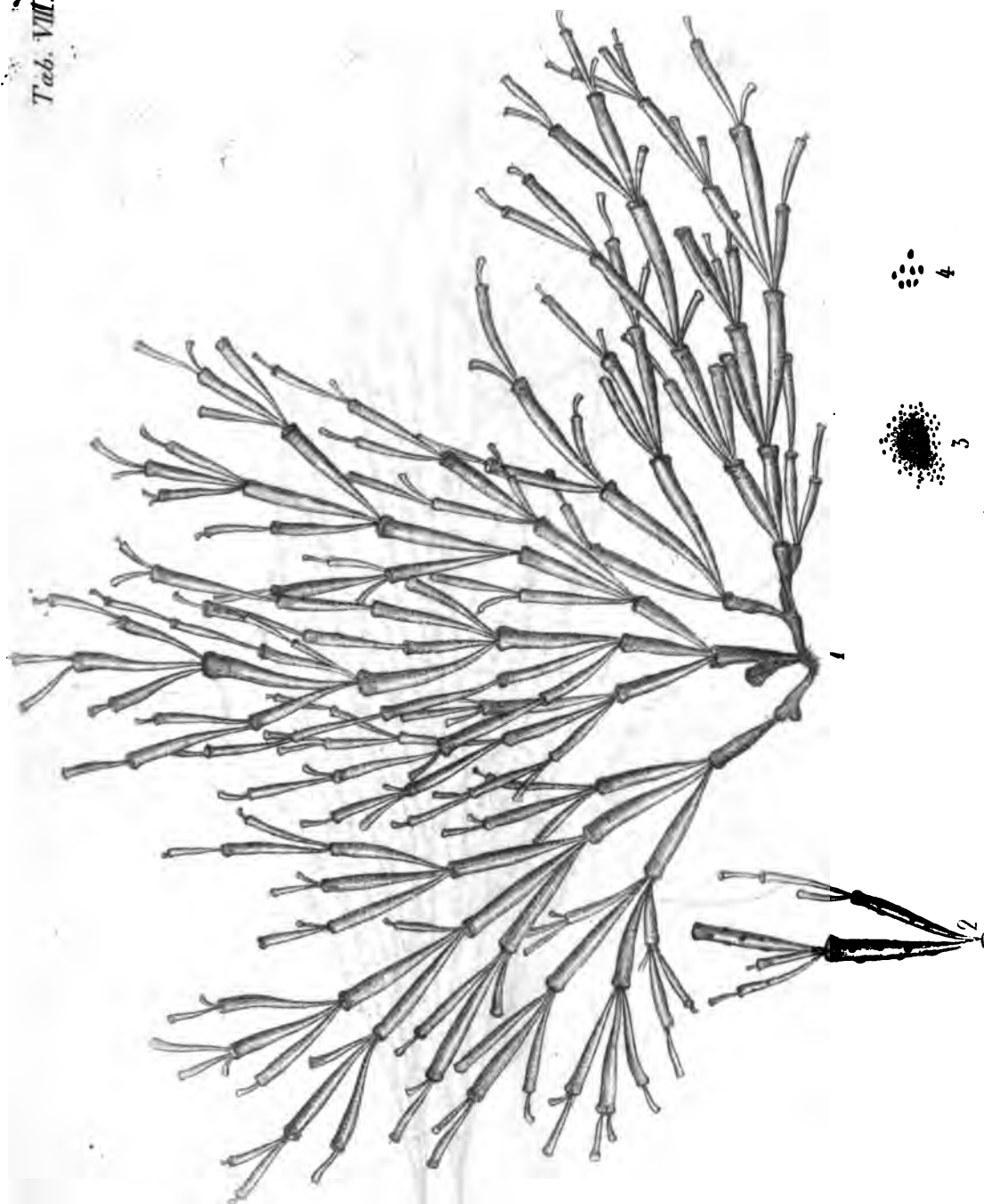


Tab. VI

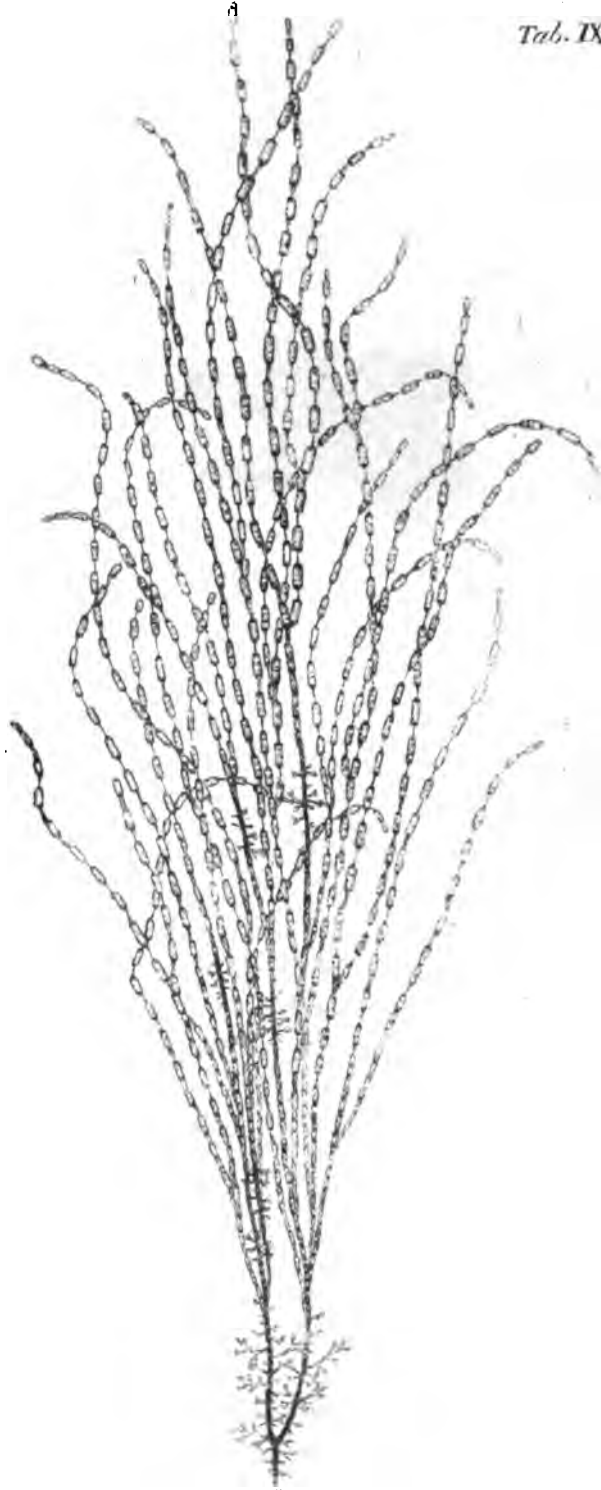


Tab. VII.





Tab. IX.



Tab. X.



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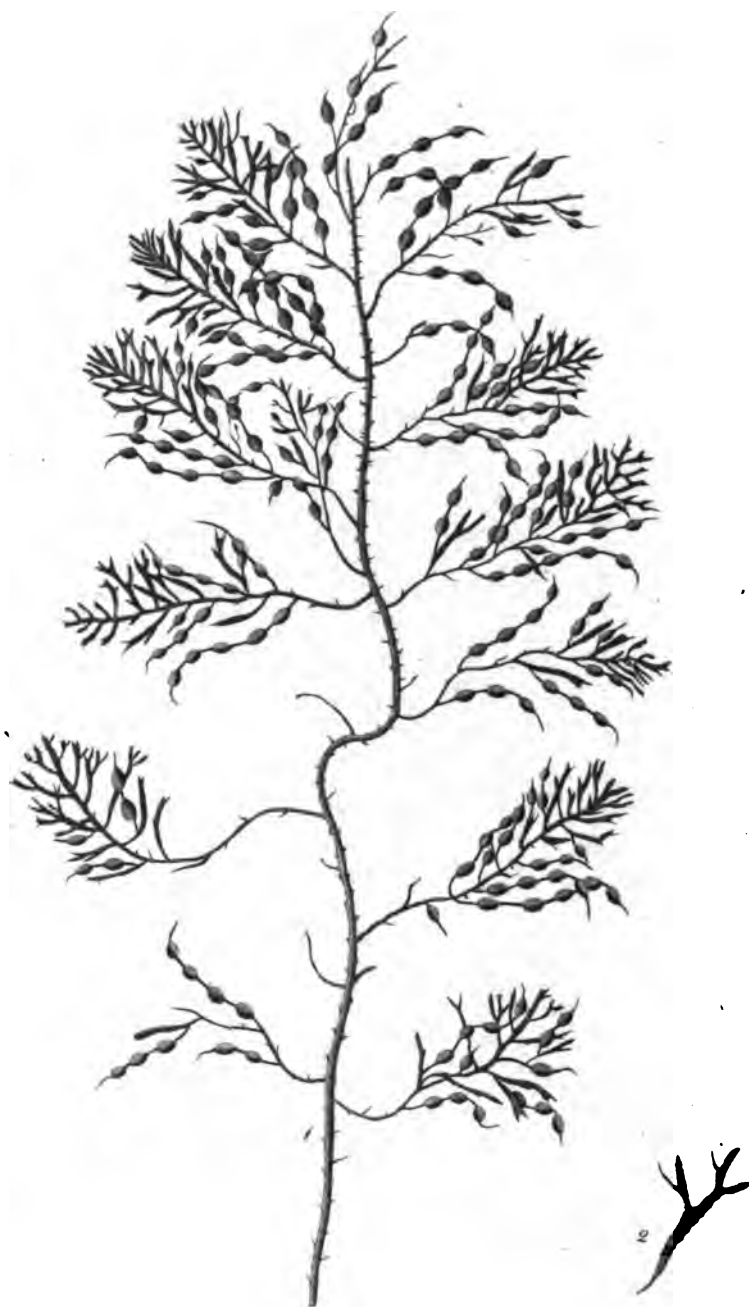
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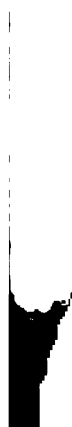


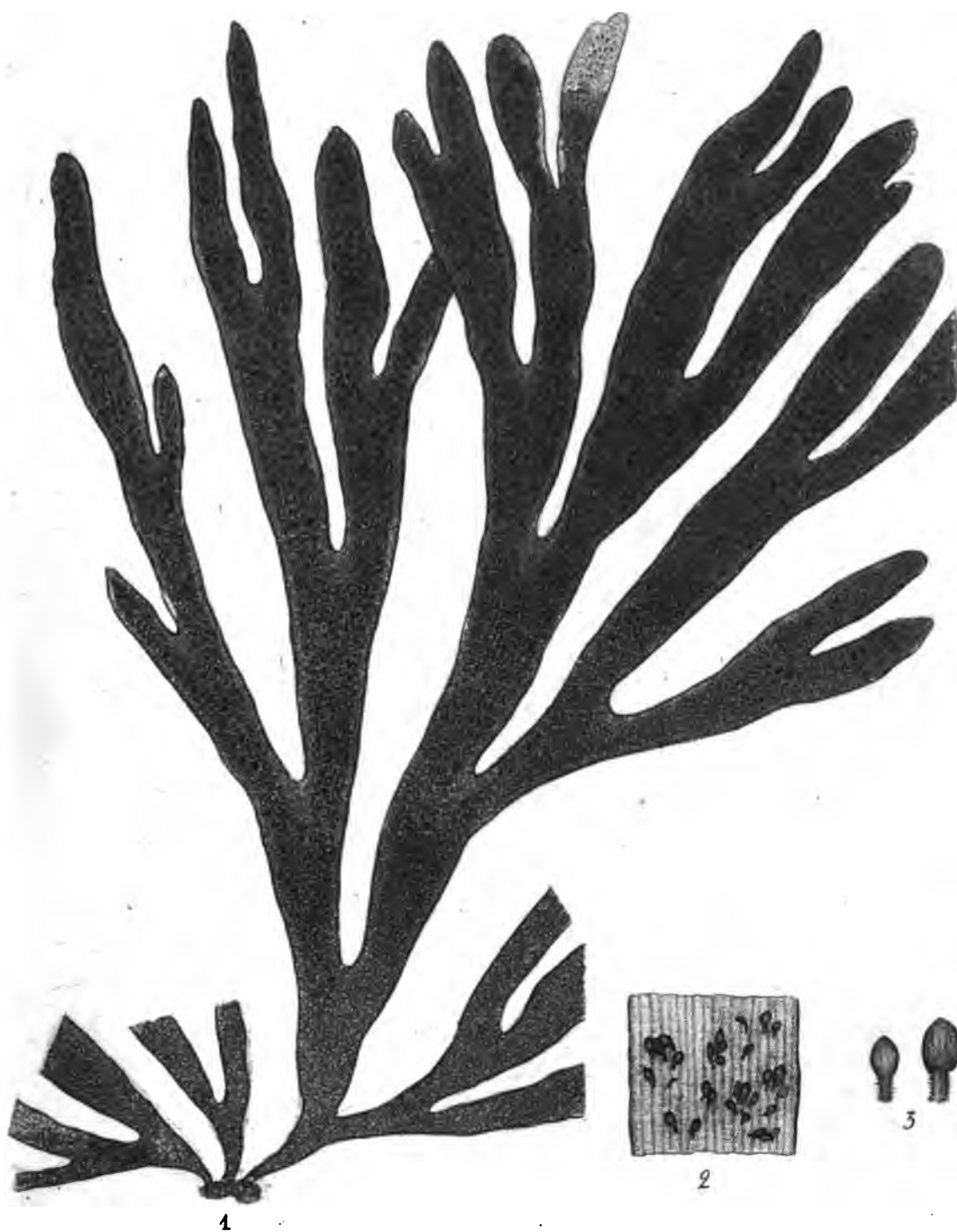






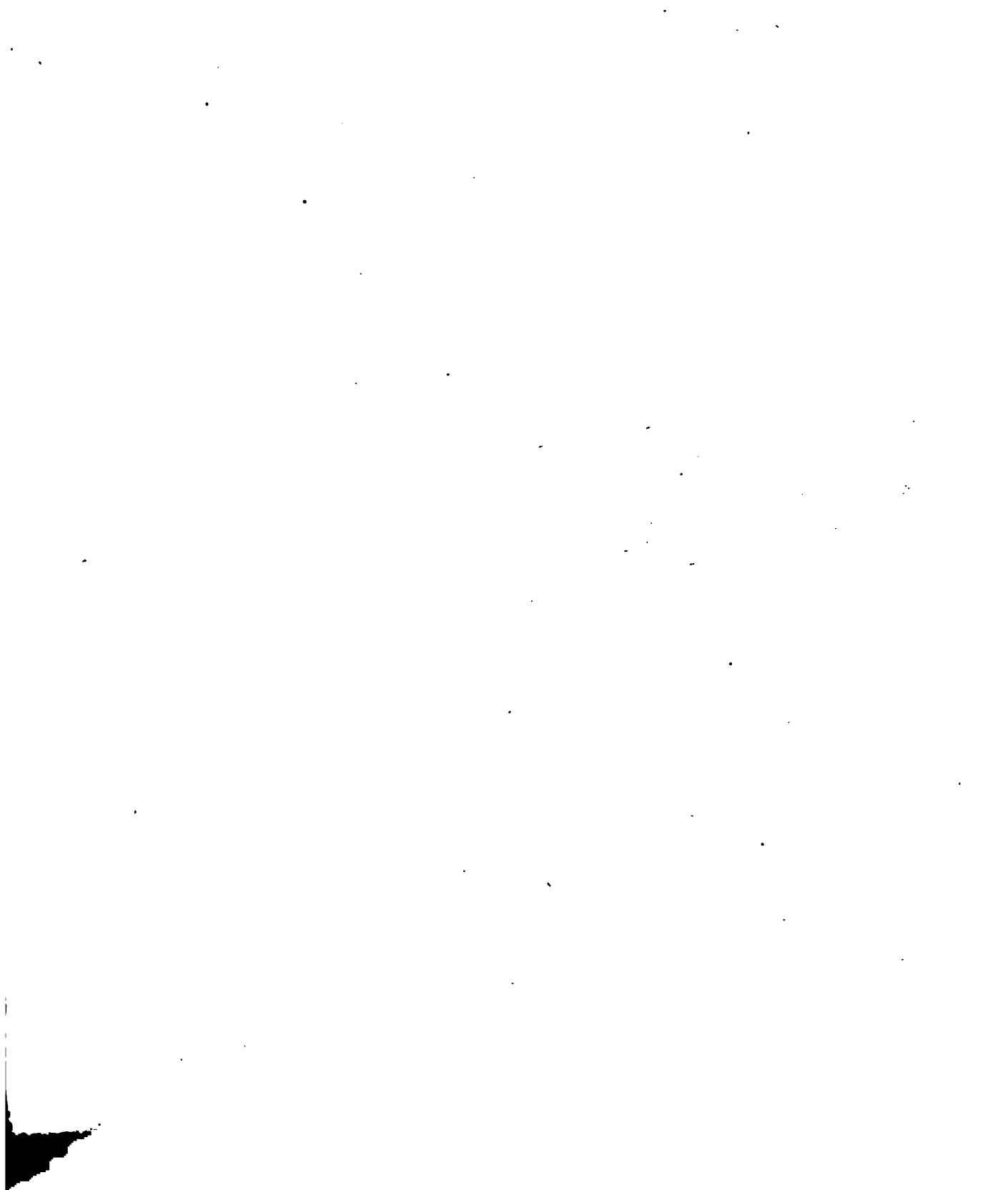






Tab. XVI.

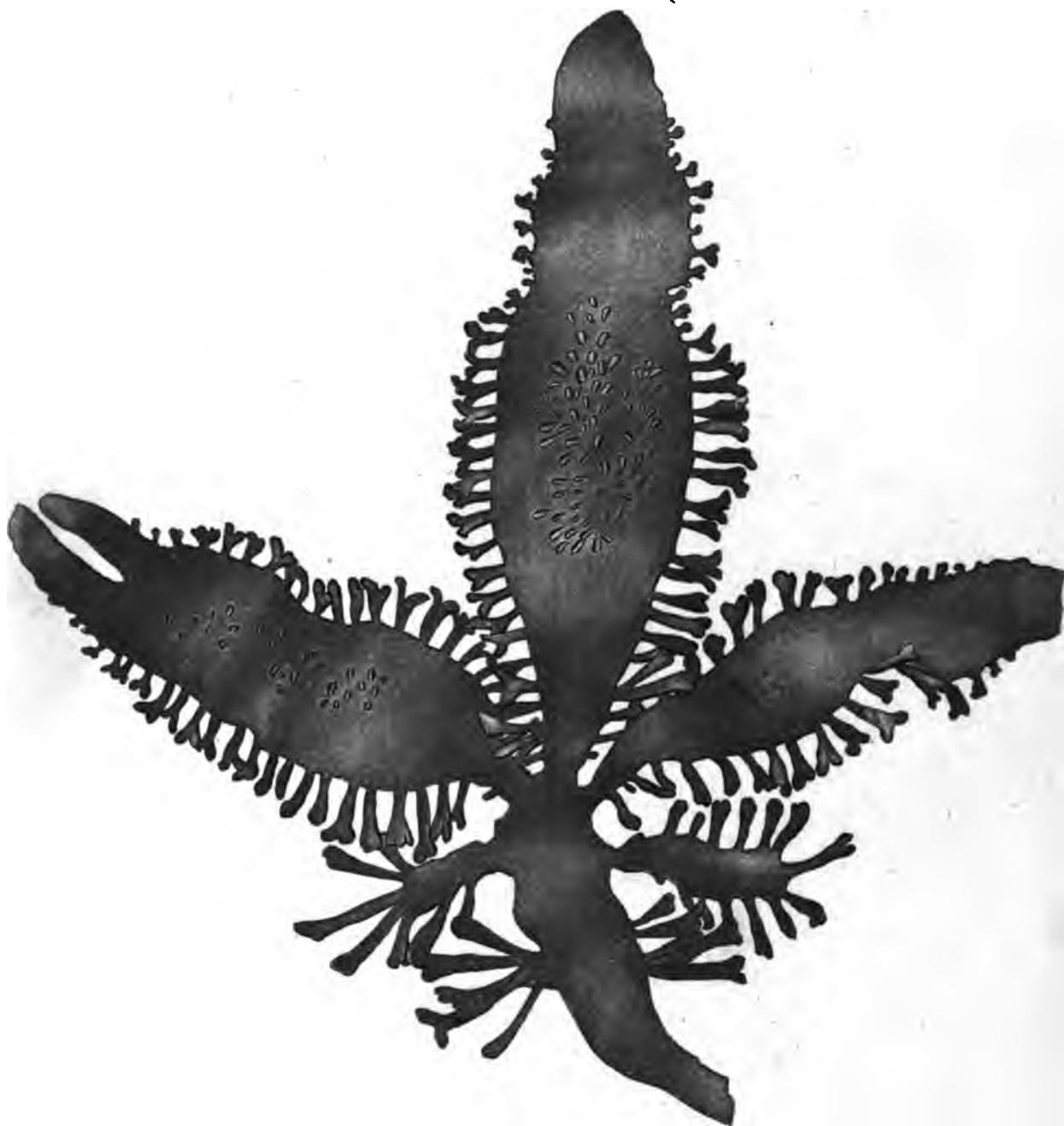




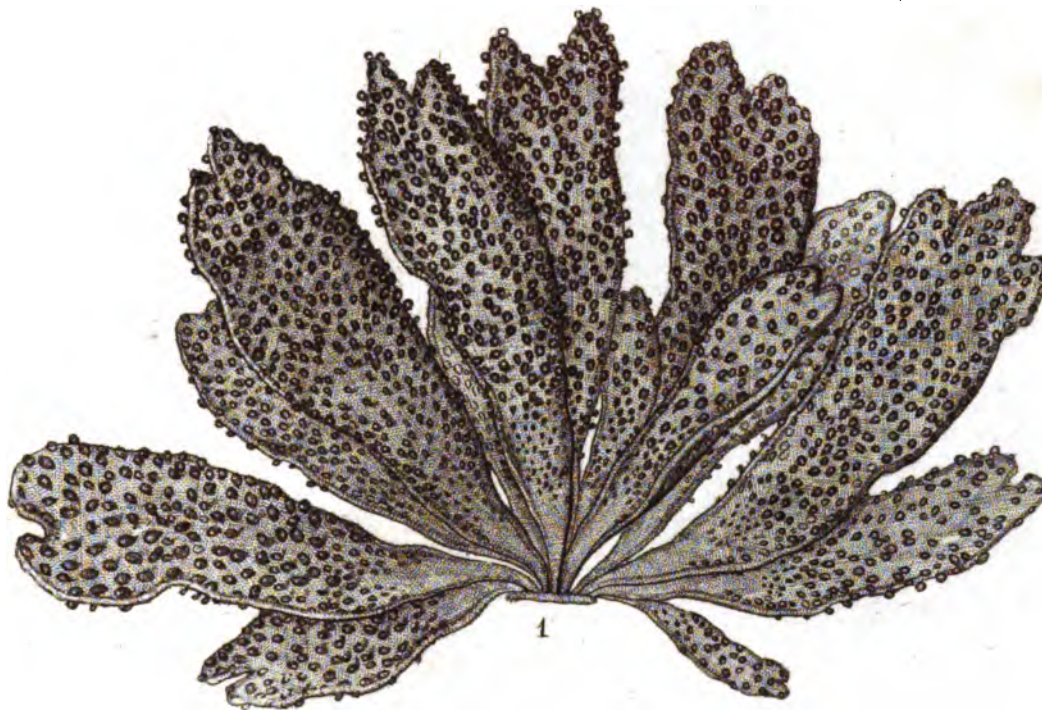




Tab. XVIII.











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